

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Patent Application of:

Timo Shirmer

Serial No.: 10/064,447

Group Art Unit: 5784

Filed: July 15, 2002

Examiner: Bru B. Shrivastav

For: **MAGNETIC RESONANCE IMAGING WITH  
REAL-TIME SNR MEASUREMENT**

Attorney Docket No.: GEMS 0151 PUS

I hereby certify that this correspondence is being deposited with the United States Postal Service via  
facsimile to (703) 872-9306 on:1/15/2004  
(Date of Deposit)Chen A. Hsu  
(Signature)**AMENDMENT UNDER 37 CFR § 1.111**Box Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

This paper is in response to the first Office Action in the above-entitled application, mailed October 15, 2003, and allowing three months for response. This response is timely because it is being filed within the three month period set for response.

Please amend the above-identified application as follows:

**IN THE CLAIMS**

1. (Original) A method of measuring and reporting real-time SNR measurements during magnetic resonance imaging comprising:  
receiving a real time image from a magnetic resonance imaging system;  
calculating an acquired signal-to-noise ratio based upon said real time image;

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